

IN THE CLAIMS:

Please amend the claims as follows.

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1-131. (Canceled)

132. (Original) An expandable reaming tool, comprising:

at least two reamer pads operatively coupled to a tool body and adapted to be displaced

between a retracted position and an expanded position;

at least one blade formed on each of the at least two reamer pads;

a plurality of cutting elements disposed on the blades,

wherein selected ones of the plurality of cutting elements disposed on one of the at least

two reamer pads are positioned so as to form a redundant cutting arrangement

with other selected ones of the plurality of cutting elements disposed on a

different one of the at least two reamer pads.

133. (Original) The expandable reaming tool of claim 132, wherein the plurality of cutting elements comprise at least one of polycrystalline diamond inserts, tungsten carbide inserts, and boron nitride inserts.

134. (Original) The expandable reaming tool of claim 132, further comprising at least one gage protection element disposed on a gage surface of the at least one blade.

135. (Original) The expandable reaming tool of claim 134, wherein the at least one gage protection element comprises at least one of a thermally stabilized polycrystalline insert and a polycrystalline diamond insert.

136. (Original) The expandable reaming tool of claim 132, further comprising a vibration damping insert disposed on the at least one blade.

137. (Original) The expandable reaming tool of claim 132, wherein the plurality of cutting elements are arranged so as to substantially balance axial forces between the at

least two reamer pads.

138. (Original) The expandable reaming tool of claim 132, wherein the plurality of cutting elements are arranged so that a net lateral force acting on the at least two reamer pads is substantially zero.

139. (Original) The expandable reaming tool of claim 132, wherein the at least two reamer pads and the plurality of cutting elements are adapted to backream a formation in a wellbore.

140. (Original) The expandable reaming tool of claim 132, wherein the plurality of cutting elements are arranged to form a tapered cutting structure.

141. (Original) The expandable reaming tool of claim 132, wherein the plurality of cutting elements have backrake angles of greater than 20 degrees.

142. (Original) The expandable reaming tool of claim 132, wherein selected ones of the plurality of cutting elements have different backrake angles than other ones of the plurality of cutting elements.

143. (Original) The expandable reaming tool of claim 132, wherein each of the plurality of cutting elements has a diameter of less than 13.0 mm or greater than 13.0 mm.

144. (Original) The expandable reaming tool of claim 132, wherein the at least two reamer pads and the plurality of cutting elements are adapted to substantially mass balance the expandable reaming tool about an axis of rotation of the reaming tool.

145. (Original) The expandable reaming tool of claim 132, wherein the at least two reamer pads and the at least one blade are formed from a non-magnetic material.

146. (Original) The expandable reaming tool of claim 132, wherein the at least two

reamer pads and the at least one blade are formed from a matrix material infiltrated with a binder alloy.

147. (Original) The expandable reaming tool of claim 132, wherein surfaces of the at least one blade proximate the plurality of cutting elements are shaped so that a cutting element exposure is equal to at least half of a diameter of the cutting element.

148. (Original) The expandable reaming tool of claim 132, wherein a perpendicular distance measured from a surface of the at least two reamer pads to an outermost extent of a gage cutting element disposed on the at least one blade is equal to at least twice a diameter of the gage cutting element.

149. (Original) The expandable reaming tool of claim 132, wherein a gage surface of the at least one blade comprises a hardfacing material.

150. (Original) The expandable reaming tool of claim 132, wherein a gage surface of the at least one blade is formed from a diamond impregnated material

151-200. (Canceled)